

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-017910

(43)Date of publication of application : 20.01.1995

(51)Int.Cl.

C07C 69/54  
C09K 19/18  
G02F 1/1333

(21)Application number : 05-160971

(71)Applicant : DAINIPPON INK &amp; CHEM INC

(22)Date of filing : 30.06.1993

(72)Inventor : HASEBE HIROSHI  
TAKEUCHI KIYOBUMI  
TAKATSU HARUYOSHI

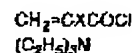
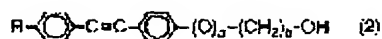
(54) ACRYLATE COMPOUND AND LIQUID CRYSTAL DEVICE USING THE SAME

(57)Abstract:

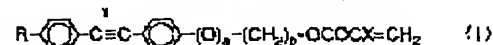
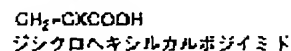
PURPOSE: To obtain a novel acrylate compound useful as a liquid crystal device capable of reducing a difference in transmittance between a rise and a fall in voltage in electrooptical characteristics, i.e., the hysteretic width and providing the high-quality gradation display.

CONSTITUTION: This acrylate compound is expressed by formula I [R is 1-20C alkyl or alkoxy; X is H or methyl; (a) is 0 or 1 and (b) is 0-10 when (a) is 0 and 1-10 when (a) is 1], e.g. [4-(4-npenty)phenylethynyl]phenyl acrylate.

The acrylate compound expressed by formula I is obtained by reacting a compound expressed by formula 2 with acryloyl or methacryloyl chloride in a solvent by using a base such as triethylamine or reacting the compound expressed by formula (2) with acrylic or methacrylic acid in a solvent by using a condensing agent such as dicyclohexylcarbodiimide.



または



## LEGAL STATUS

[Date of request for examination]

19.06.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's

decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office